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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
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2292	7590 03/24/2006	EXAMINER			
22.0	EWART KOLASCH &	PHAM, MINH CHAU THI			
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,			1724	1.5	
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Please find below and/or attached an Office communication concerning this application or proceeding.

	-	Application No).	Applicant(s)				
Office Action Summary		10/829,229		CHOI ET AL.	•			
		Examiner		Art Unit				
		Minh-Chau T. P		1724				
Period fo	The MAILING DATE of this communication app	pears on the cove	er sheet with the c	orrespondence ad	Idress			
A SHO WHIC - Exter after - If NO - Failur Any r	DRTENED STATUTORY PERIOD FOR REPL' HEVER IS LONGER, FROM THE MAILING DA Issions of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. period for reply is specified above, the maximum statutory period or the to reply within the set or extended period for reply will, by statute ply received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS C 36(a). In no event, how will apply and will expire, cause the application	OMMUNICATION wever, may a reply be time e SIX (6) MONTHS frome to become ABANDONEL	I. sely filed the mailing date of this of (35 U.S.C. § 133).				
Status	•							
2a) <u></u>								
Disposition of Claims								
 4) Claim(s) 1-29 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-29 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. 								
Applicati	on Papers							
10)□	The specification is objected to by the Examine The drawing(s) filed on is/are: a) accomplicant may not request that any objection to the Replacement drawing sheet(s) including the correct The oath or declaration is objected to by the Example.	epted or b) ob drawing(s) be heletion is required if t	d in abeyance. See he drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 C	• •			
Priority u	nder 35 U.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 								
Attachment	(s)							
1) Notice 2) Notice 3) Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) No(s)/Mail Date 2/9/06.	4)	3		O-152)			

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Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-29 are rejected under 35 U.S.C. 102(b) as being anticipated by any one of Kiser (4,850,264), the Great Britain Patent (GB 2,254,447 A) and Demeter et al (4,872,397).

Kiser teaches a confined space such as a building (19) essentially an enclosed system or a box-like housing (38 in Fig. 4) of generally rectangular configuration having inlet openings (40, 41, 44, col. 6, line 43-50), air filters (col. 7, lines 9-11), a fan (52) located in the housing, pressure sensors (24 a-e), temperature sensors (25 a-e), quality sensors (26 a-e) located in the housing as to sense the air quality of the room air drawn through the inlet (40, 41 and 44), a supplier assembly located inside the housing such as unit heat exchangers (not shown) installed in the housing for providing cooled air to the housing interior (col. 7, lines 12-16) or an air quality sensor (26) detecting the presence and amount of any of various gases or particulates in the air such as oxygen content or content of noxious gases, smoke, haze or airborne particulates (col. 9, lines 31-43), and a controller (23) for controlling the supplier assembly (Abstract, col. 2, lines 28-61, col. 5, lines 1-30, col. 8, lines 13-29, col. 9, lines 40-66).

The Great Britain reference teaches an interior atmosphere control system wherein the system contains a group of sensing devices (equivalent to the sensor

assembly) which consists of sensors (11, 12) detecting and measuring the value of indoor/outdoor air temperature, humidity, pressure, oxygen content, carbon dioxide content, and all the sensed signals are fetched by a microcomputer (equivalent to the controller), and the microcomputer measures/detects the sensed values of the sensing devices based on the pre-stored program and data in a memory unit and output · adequate control signals to actuate a series of actuation devices (equivalent to the supplier assembly) to modulate the parameters mentioned above. The system includes a housing, each opening of inlet/outlet air having a filter (F) to filter out dirt in the air. fans (F1, F2) discharging the introduced indoor air after air is purified (line 3, page 7 to line 22, page 13, Figure 1), a group of sensors (11, 12, page 7, lines 4-17), a supplier assembly including a humidifier (54), an oxygen supply device (55), heat exchanger (E1), an odor supply device (56), an ion generator (57), a magnetic field regulator (58). light regulator (59), an electric charge generator (57), an odor supply device (56), and a controller via microcomputer (3) for controlling the supplier assembly (page 9, line 16 through page 11, line 24).

Demeter et al (4,872,397) teach an environmental module (10) having a housing (30) with air inlets (40, 42), air outlets (52, 54), fans (45, 46) mounted in the housing, a filter (48), (see col. 2, line 64 through col. 3, line 15, col. 3, line 57 through col. 4, line 14), a supplier assembly such as potentiometers (72, 74, 76, 78 and 80), and a controller (28) for controlling the noise generator, lights, radiant heat panel, temperature and air flow, respectively (Abstract, col. 2, lines 5-8, col. 4, lines 5-14, col. 4, lines 36-55, col. 5, lines 5-13 and lines 34-55).

Regarding to various contaminants such as "oxygen, anion, terpene", it has been held that a recitation with respect to the manner in which a claimed apparatus is intended to be employed does not differentiate the claimed apparatus from a prior art apparatus satisfying the claimed structural limitations. See *Ex parte Masham, 2 USPQ* 2d 1647 (1987).

Response to Amendment

Applicant's arguments filed on January 13, 2006 have been fully considered but they are not persuasive.

Applicant argues that none of the cited prior arts discloses a combination of elements such as a fan, a sensor located in the cabinet to sense the composition of the room air drawn through the inlet, a supplier assembly and a controller for controlling the supplier assembly". The Examiner now drops all the cited references Guiles, Jr., Lohr et al and the Korean reference, and newly introduces Kiser (4,850,264), the Great Britain Patent (GB 2,254,447 A) and Demeter et al (4,872,397) as the primary references under the 102(b) rejections to show: Kiser teaches a confined space such as a building (19) essentially an enclosed system or a box-like housing (38 in Fig. 4) of generally rectangular configuration having inlet openings (40, 41, 44, col. 6, line 43-50), air filters (col. 7, lines 9-11), a fan (52) located in the housing, pressure sensors (24 a-e), temperature sensors (25 a-e), quality sensors (26 a-e) located in the housing as to sense the air quality of the room air drawn through the inlet (40, 41 and 44), a supplier assembly located inside the housing such as unit heat exchangers (not shown) installed in the housing for providing cooled air to the housing interior (col. 7, lines 12-16) or an

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh-Chau T. Pham whose telephone number is (571) 272-1163. The examiner can normally be reached on Mon/Tues/Thur/Fri 7:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duane Smith can be reached on (571) 272-1166. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Minh-Chau Pham Patent Examiner

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